IN THE CLAIMS

The following claim listing replaces all prior listing and versions thereof:

1. (Currently amended) A ~~network~~ system comprising:

a private wireless network access point located at a location; and

a detector that detects when the access point has moved from the location

~~a network element that associates a telephone number with a call from the access point~~.

2. (Currently amended) The ~~network~~ system according to claim 1,wherein the access point comprises:

a transceiver;

a voice and data connection;

~~a disconnection detector,~~ and

an identification address.

3. (Currently amended) The ~~network~~ system according to claim [[1]] 23, wherein the network element further comprises a softswitch.

4. (Currently amended) The ~~network~~ system according to claim 3, wherein the softswitch further comprises:

at least one of a router and a gateway; and

a database that stores the telephone number and an access point identification.

5. (Currently Amended) The ~~network~~ system according to claim [[1]] 23, wherein the network element further comprises an access point controller.

6. (Currently amended) The ~~network~~ system according to claim 5, wherein the access point controller comprises:

at least one of a router and a gateway; and

a database that stores the telephone number and an access point identification.

7. (Currently amended) The ~~network~~ system according to claim 1, further comprising:

a mobile terminal that only accesses the private wireless network.

8. (Currently amended) The ~~network~~ system according to claim 1, further comprising:

a mobile terminal that accesses the private wireless network and a public land mobile network.

9. (Currently Amended) The ~~network~~ system according to claim 1, wherein the detector ~~access point comprises: a detector that~~ detects when the access point has been disconnected from at least one of a voice and data connection and a power supply.

10. (Currently amended) A method of operating ~~method of originating a call from a terminal within~~ a private wireless network, comprising:

associating a telephone number with a ~~the~~ call from a terminal in the private wireless network based upon an access point ID of an access point ~~interfacing~~ that interfaces with the terminal, the access point having been previously determined to be at a location;

determining whether the access point has moved from the location.

11. (Canceled)

12. (Currently amended) The method of operating a private wireless network according to claim 10 ~~11~~, wherein the call comprises an emergency call.

13. (Currently amended) The method of operating a private wireless network according to claim 10 ~~11~~, further comprising:

appending the telephone number to call setup signaling information.[[.]]

14. (Currently amended) [[A]] The method of operating a private wireless network according to claim 10, further comprising:

wherein the private wireless network includes an access point having a transceiver that uses ~~one of Bluetooth and Wi-Fi technology~~ a wireless protocol.

15. (Currently amended) The method of operating a private wireless network according to claim 10, further comprising:[[,]]

determining when the access point loses one of a power, and a voice and data connection; and

~~changing~~ setting a status to PENDING when it is determined that the access point lost one of the connections.

16. (Currently amended) The method of operating a private wireless network according to claim 15, further comprising:

~~returning~~ setting the status to ACTIVE when it is confirmed that the access point has not been removed from [[a]] the location.

17. (Original) The method of operating a private wireless network according to claim 16, in which the confirming further comprises comparing an access point ID received from the access point, in response to a test call, with a stored access point ID.

18. (Original) The method of operating a private wireless network according to claim 10, further comprising:

prompting a subscriber to provide an identification of the access point and a telephone number.

19. (Currently amended) The method of operating a private wireless network according to claim 10, further comprising:

prompting a subscriber to provide an identification of the access point and a telephone number;[[,]] and

storing the identification of the access point and the telephone number.

20. (Cancelled)

21. (New) A method of operating a private wireless network, comprising:

associating a telephone number with a call from a terminal in the private wireless network based upon an access point ID of an access point, located at a location, that interfaces with the terminal;

determining when the access point loses one of a power connection or a voice and data connection at the location, and setting a status to PENDING when it is determined that the access point lost one of the connections; and

setting the status to ACTIVE when it is confirmed that the access point remains at the location, wherein the confirmation comprises comparing the access point ID of the access point, in response to a test call, and a stored access point ID.

22. (New) A system comprising:

a detector that detects when a private wireless network access point has moved from a first location; and

a network element that associates a telephone number with a call from the access point.

23. (New) The system according to claim 22, wherein the detector is located in one of the access point or the network element.

24. (New) The system according to claim 22, wherein the detector detects whether the access point has moved to a second location.